

American Society of Civil Engineers



Lucas Tang & Alexis Bui

Officer Board



4 Core Officers

15 General Officers

21 Project Managers

47 Project
Directors/Team
Leads

6 Advisors

350+ Members

A group of young people, likely a sports team, are huddled together in a circle on a grassy field. They are wearing light blue mesh jerseys over dark grey t-shirts. One person on the right is wearing a grey baseball cap. The background is a bright, overcast sky. The text "Break ground, bridge the gap, bring people together" is overlaid in the center of the image in a dark, serif font.

Break ground, bridge the gap,
bring people together



120+ Events
~4 events per week

Professional Development: Career Fair

Career Fair Bootcamp + Resume Workshop

Wednesday Week 4 (10/21) | 6 PM | Boelter 8500

- Personalized feedback for your resumes
- Additional segment for transfer specific advice



Fall Career Fair

Thursday Week 5 (10/28) | 10 AM - 2 PM | Ackerman Grand Ballroom

- 35+ companies
- Jobs and internships



Professional Development: Networking Night

Fall Networking Night

Wednesday Week 5 (10/27) | 6 PM | TBD

- Network with industry professionals in a casual setting



Winter Quarter

Winter Networking Night (1/26)

Winter Career Fair (1/27)



Professional Development: Info Sessions

Company Info Sessions:

- **W.E. O'neil** | 10/12, 4:30 PM | Boelter 8500
- **Kimley Horn** | 10/13, 6 PM | Boelter 8500
- **Whiting-Turner** | 10/19, 6 PM | Boelter 8500
- **Stacy and Witbeck** | 10/20, 6 PM | Boelter 4275
- **DPR** | 10/26, 6 PM | Boelter 4275
- **Truebeck** | 10/27, 12 PM | Boelter 8500
- **Morley** | 11/09, 6 PM | Boelter 4275
- **Myers and Sons** | 11/16, 6 PM | Boelter 4275
- **MATT** | 11/18, 6PM | Boelter 8500



Technical and Academic Workshops

Industry Shadow Programs | Dates TBD

- Black and Veatch (environmental)
- John A. Martin & Associates (structural)
- Morley Builders (construction)
- BKF Engineering (general civil)

Field Trips | Dates TBD

AutoCAD and SolidWorks Workshops | Dates TBD

Alumni Day in the Life Workshop | Dates TBD



Social Events

Upcoming Social Events:

- Ice Cream Social
 - TODAY, after CEE 1
- Succulent Painting
 - Wednesday, Week 4 (10/20)
- Alumni Tailgate
 - Week 4, Saturday (10/23)
 - [RSVP](#)
- Student Professor BBQ
 - Week 6, Friday (11/5)
- Quesadilla Maker Breakfast Social
 - Week 7, Friday (11/12)



Mentorship Program

Application due TONIGHT (10/8)

SIGN UP [HERE](#)!!!!!!



Sign up to get placed into one of four families and get paired with an upperclassman mentor!

Mentorship Reveal

Thursday Week 3 (10/14) | 6 PM | Boelter 3400

- Find out which family you're in and who your mentor is!



Community Service

Upcoming Community Service Events:

- Tree People Tree Planting
 - Too late to sign up :(
- Kindred Spirits Care Farm
 - RSVP [here](#)
 - Help tend the farm
 - They feed us a tasty vegan salad
- Look out for other events throughout the year!



Athletics

Intramural Sports | Fall

- Sign-ups have closed :(
- But you can support our team! We are competing in Futsal, 3v3 basketball, and volleyball

Active for Good | November

- Our ASCE chapter is competing against our Alumni
- Log your workouts and earn points that turn into food for kids in need



Projects

Concrete Canoe

Construction Management

Engineering X

Environmental Design

GeoWall

Navajo Water Project

Seismic Design

Seismic Outreach

Steel Bridge

Surveying

Timber Design Build

Transportation



Pacific Southwest Symposium (PSWS)

UCSD is hosting this year!

- March 31 - April 2, 2022 (Week 1 Spring Quarter)
- Annual competition where 8 of our 12 projects compete against 13 other schools
- Non-technical events (sports, Family Feud, Scavenger Hunt, etc.)
- <https://scse.ucsd.edu/se-day.html>

2021 ASCE at UCLA Placements

- Overall | 1st Place
- (Almost) All Projects Placed Top 3!



ASCE Google Calendar

4	5	6	7	8	9	10
		6pm ASCE Fall General I	8pm Core Office Hours	6pm Among Us Social		
11	12	13	14	15	16	17
	Columbus Day Indigenous Peoples' D	8pm Navajo Workday	6pm Project Open Hous	10am Transportation Wo 10am Concrete Canoe W 5:30pm Steel Bridge Wo 6pm Stacy and Witbeck +2 more		
18	19	20	21	22	23	24
	11am Steel Bridge Work	9am Seismic Outreach F 11am ExhibitLab Workda 12pm Engineering X Wo 1pm Surveying Workday +5 more	11am Environmental De 2pm ExhibitLab Workda 6pm Construction Mana	10am Transportation Wo 10am Concrete Canoe W 12pm Environmental De 1pm Surveying Workday +7 more		
25	26	27	28	29	30	31
	11am Steel Bridge Work 4:30pm Whiting-Turner I	11am ExhibitLab Workda 12pm Engineering X Wo 1pm Surveying Workday 2pm Concrete Canoe W +4 more	11am Environmental De 2pm ExhibitLab Workda 6pm Construction Mana	9am Seismic Outreach S 10am Transportation Wo 10am Concrete Canoe W 12pm Environmental De +8 more	Halloween	

ascebruins.org/calendar



WE'RE SOCIAL



asce_snaps



ascebruins.org



facebook.com/asceucla



facebook.com/groups/asceucla



@asce_bruins



@asce_bruins

ASCE Membership

Sign up to be an ASCE member!

Step 1: Fill out the application:

<https://forms.gle/e7Rqv44Ua8fQgmZ8A>

Step 2: Pay the membership dues (\$35 or \$30 if you sign up for FREE national ASCE membership)

Step 3: Enjoy all of our events, projects, and perks!



Perks of being a member:

- Professional Development Opportunities
- Project Experience
- Social Events
- Mentorship
- Meet a lot of great people



CEE 1

Project Workshops & Professional Events

Course Requirements

Technical Development:

Attendance at (1)

CEE 1 Workshop

Why?

Exposure to the different branches
of civil engineering!

Professional Development:

Attendance at (1)

Industry Event

Why?

Exposure to interacting with
industry professionals!

Afterward, write two paragraphs, one for each event, about what you learned

Project Workshops

Concrete Canoe

What: *Creating Concrete*

We will do a quick intro to concrete and then we can get our hands dirty with all the fun stuff that goes into concrete – measuring, mixing, and packing to be strength tested! If you have questions about the project or how concrete works, there's plenty of time to talk while we mix!

When: October 18th | 12-2 p.m. | Week 4

Where: Concrete Canoe Container
(Boelter Alley)



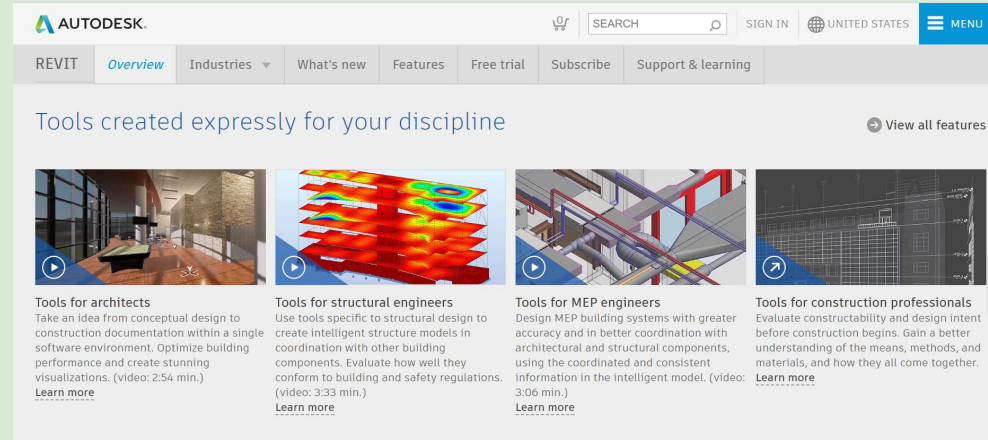
Construction Management

What: *Introduction to Bluebeam*

Learn a popular software program used by construction management and engineering companies alike! Bluebeam is a PDF reader that can be used to make site logistics plans, create Requests for Information (RFIs), markup drawing sheets, and do your C&EE homework. We'll guide you through the basics of this program as well as some practice technical applications.

When: October 19th | 6-8 p.m. | Week 4

Where: BH 3760 or Zoom




The screenshot shows the Autodesk website's 'Tools created expressly for your discipline' section. The header includes the Autodesk logo, a search bar, and links for 'SIGN IN' and 'UNITED STATES'. Below the header is a navigation bar with 'REVIT' and 'Overview' (highlighted in blue), followed by 'Industries', 'What's new', 'Features', 'Free trial', 'Subscribe', and 'Support & learning'. The main content area features four video thumbnails with play buttons, each representing a different professional discipline: architects, structural engineers, MEP engineers, and construction professionals. Each thumbnail is accompanied by a brief description of the tools and a 'Learn more' link.

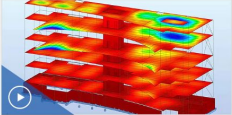
AUTODESK. [SIGN IN](#) [UNITED STATES](#) [MENU](#)

[REVIT](#) [Overview](#) [Industries](#) [What's new](#) [Features](#) [Free trial](#) [Subscribe](#) [Support & learning](#)

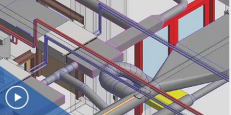
Tools created expressly for your discipline [View all features](#)




Tools for architects
Take an idea from conceptual design to construction documentation within a single software environment. Optimize building performance and create stunning visualizations. (video: 2:54 min.)
[Learn more](#)



Tools for structural engineers
Use tools specific to structural design to create intelligent structure models in coordination with other building components. Evaluate how well they conform to building and safety regulations. (video: 3:33 min.)
[Learn more](#)



Tools for MEP engineers
Design MEP building systems with greater accuracy and in better coordination with architectural and structural components, using the coordinated and consistent information in the intelligent model. (video: 3:06 min.)
[Learn more](#)



Tools for construction professionals
Evaluate constructability and design intent before construction begins. Gain a better understanding of the means, methods, and materials, and how they all come together.
[Learn more](#)

Environmental Design & Navajo Project

What: *Fundamentals of Water Treatment*

Learn about basic water treatment principles! We will be going over filtration and adsorption (primary treatment), coagulation and flocculation (secondary treatment), and tertiary treatment. We will also have a fun activity where students are able to practice water treatment on a small scale using "contaminated" water, and Granular Activated Carbon as a media to clean the water. Finally, we will go over what the Environmental Design and Navajo Water Projects do during the school year!

When: October 20th | 10 a.m.-12 p.m. | Week 4

Where: Boelter 2745 and Zoom



Geowall

What: *Geotechnical Engineering and MSE Walls*

Define Geotechnical Engineering and where it can be found in everyday life. Talk about what a mechanically stabilized earth (MSE) retaining wall is, its purpose, and how GeoWall explores this. Finally, perform a practice build.

When: October 27th | 4-6:00 p.m. | Week 5

Where: Boelter Hall 1567 (Soils Lab)



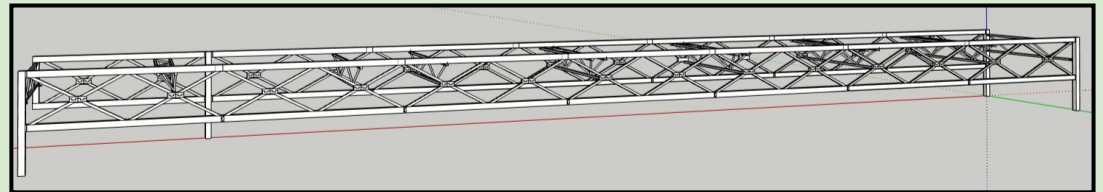
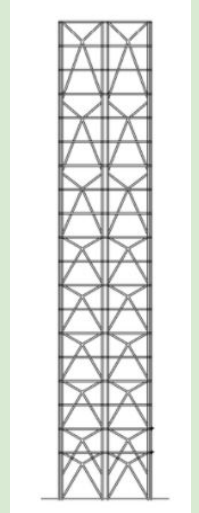
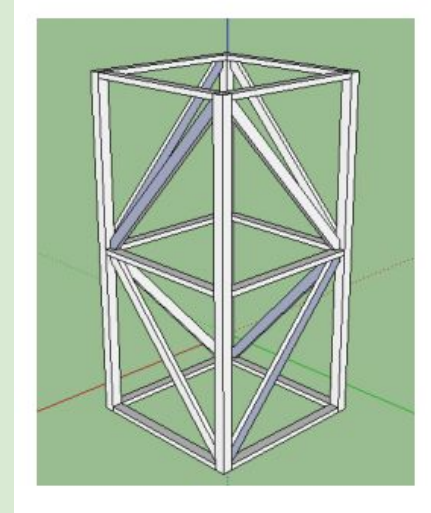
Seismic Design & Steel Bridge

What: *3D CAD with SketchUp*

Join Seismic Design and Steel Bridge to learn SketchUp, a modeling software commonly used in industry. During this workshop, members will be guided through modeling a simple two-story braced building.

When: November 18th | 6-8 p.m. | Week 8

Where: Zoom



Surveying

What: *Intro to Differential Leveling*

Come learn one of the essential techniques surveyors practice! We'll kick off our workshop with a short lecture on the theory behind differential leveling. Then we'll head onto campus to demo the equipment we use, specifically what we use for differential leveling. After that, you'll get the chance to use the equipment yourself!

When: November 4th | 5-6 p.m. | Week 4

Where: Boelter 2745 & Zoom



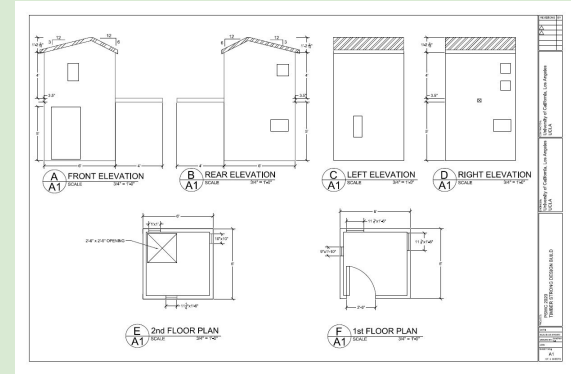
Timber Design-Build & Engineering X

What: *AutoCAD and Plan Reading*

Joint workshop between EngineeringX and Timber. An AutoCAD tutorial where members are taught how to create a floor plan which will help teach them all the basic commands of AutoCAD. Participants will also be taught the different components of construction documents and how to read them.

When: November 9th | 7:30-9 p.m. | Week 7

Where: Zoom



Transportation

What: *Transportation Fundamentals 3-in-1 workshop*

Learn 3 hands-on skillsets that are useful for all transportation engineers to have: traffic counts and intersection drawings, measuring street & sidewalk widths, and identifying pavement distress! We will have a rotating schedule with three 15 minute sessions, + walking time, for a 1 hour workshop.

When: October 21th | 11-12 p.m. | Week 4

Where: Inverted Fountain



Seismic Outreach

What: *K'NEX Sorting Event*

Help the Seismic Outreach project sort our K'NEX pieces into bags that will be given to our middle school students! We'll also practice our presentation for the First School Visit so everyone feels prepared for the visit on Thursday and knowledgeable about the project. Come by if you're interested in learning more about Seismic Outreach and inspiring students to go to college and pursue STEM.

When: October 12th | 6-8 p.m. | Week 3

Where: Boelter 2745



Signing Up for Project Workshops

RSVP Form

Fill out this [sign-up form](#) to attend one of the workshops

Safety Trainings are required to attend the workshops

Project managers will send out a confirmation email before the workshop

Check out [our website](#) for more information on the different workshops:

- In-depth description of workshop
- Any required software

Professional Events

Calendar of Events

- ASCE at UCLA Public Events Calendar
 - <http://www.ascebruins.org/calendar.html>
- Weekly Newsletter
 - Weekly ASCE emails which contains a list of upcoming ASCE events are sent to you if you are a member
- Facebook Group
 - We post Facebook events on here one week before each event
 - <https://www.facebook.com/groups/AsceUcla>
- Table of Fall Quarter Workshops and Professional Events
 - <http://www.ascebruins.org/cee-1-workshops--professional-development-events.html>

Deadlines for CEE 1 Requirements

Monday, October 18th

Workshop sign-up form due

October 12th - November 18th (Week 9)

Project Workshops ongoing

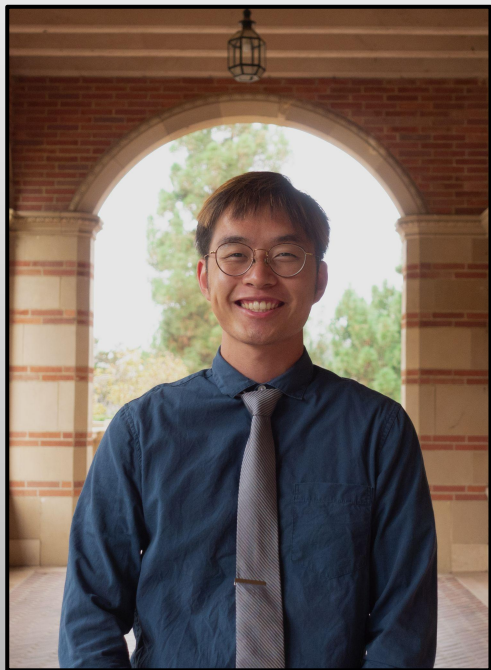
October 7th - November 23rd

Professional Development Events ongoing

December 3rd

Last day of class and paragraph due

Questions, Comments, Concerns, Suggestions?



Lucas Tang

President

(626) 512-0221

lucastang2187@gmail.com



Alexis Bui

Project Executive

(747) 232-3231

alexis.bui.123@gmail.com

ICE CREAM SOCIAL

Boelter Courtyard, starting RIGHT NOW

